

## PCT REQUEST

Original (for SUBMISSION)

<b>0</b>	<b>For receiving Office use only</b>	
<b>0-1</b>	International Application No.	
<b>0-2</b>	International Filing Date	
<b>0-3</b>	Name of receiving Office and "PCT International Application"	
<b>0-4</b>	<b>Form PCT/RO/101 PCT Request</b>	
<b>0-4-1</b>	Prepared Using	PCT-SAFE [EASY model] Version 3.50 (Build 0002.163)
<b>0-5</b>	<b>Petition</b> The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty	
<b>0-6</b>	<b>Receiving Office (specified by the applicant)</b>	United States Patent and Trademark Office (USPTO) (RO/US)
<b>0-7</b>	<b>Applicant's or agent's file reference</b>	6317P087PCT
<b>I</b>	<b>Title of Invention</b>	A MEASUREMENT SYSTEM AND A METHOD
<b>II</b>	<b>Applicant</b>	
<b>II-1</b>	This person is	applicant only
<b>II-2</b>	Applicant for	AP: (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM); EA: (AM AZ BY KG KZ MD RU TJ TM); EP: (AT BE BG CH&LI CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA: (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG); AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH&LI CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM
<b>II-4</b>	Name	APPLIED MATERIALS ISRAEL, LTD.
<b>II-5</b>	Address	8 Oppenheimer Street 76236 Rehovot Israel
<b>II-6</b>	State of nationality	IL
<b>II-7</b>	State of residence	IL

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<b>III-1</b>	<b>Applicant and/or inventor</b>	
III-1-1	This person is	applicant only
III-1-2	Applicant for	AP: (ZW); ZW
III-1-3	Inventor for	AP: (ZW); ZW
III-1-4	Name	APPLIED MATERIALS, INC.
III-1-5	Address	P.O. Box 450A Santa Clara, California 95052 United States of America
III-1-6	State of nationality	US
III-1-7	State of residence	US
<b>III-2</b>	<b>Applicant and/or inventor</b>	
III-2-1	This person is	applicant and inventor
III-2-2	Applicant for	US only
III-2-4	Name (LAST, First)	TAM, Aviram
III-2-5	Address	Rival 12 75743 Rishon Le Zion Israel
III-2-6	State of nationality	IL
III-2-7	State of residence	IL
<b>IV-1</b>	<b>Agent or common representative; or address for correspondence</b>	
	The person identified below is hereby/ has been appointed to act on behalf of the applicant(s) before the competent International Authorities as:	agent
IV-1-1	Name (LAST, First)	FAHMI, Tarek
IV-1-2	Address	12400 Wilshire Boulevard 7th Floor Los Angeles, California 90025 United States of America
IV-1-3	Telephone No.	408.947.8200
IV-1-4	Facsimile No.	408.947.8280
IV-1-5	e-mail	tarek_fahmi@bstz.com
IV-1-6	Agent's registration No.	41,402
<b>V</b>	<b>DESIGNATIONS</b>	
V-1	The filing of this request constitutes under Rule 4.9(a), the designation of all Contracting States bound by the PCT on the international filing date, for the grant of every kind of protection available and, where applicable, for the grant of both regional and national patents.	

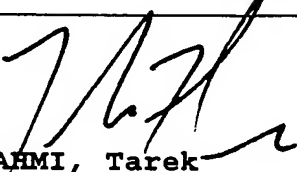
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<b>VI-1</b>	<b>Priority claim of earlier national application</b>		
VI-1-1	Filing date	08 October 2003 (08.10.2003)	
VI-1-2	Number	60/510,020	
VI-1-3	Country	US	
<b>VI-2</b>	<b>Priority document request</b>		
	The receiving Office is requested to prepare and transmit to the International Bureau a certified copy of the earlier application(s) identified above as item(s):	VI-1	
<b>VII-1</b>	<b>International Searching Authority Chosen</b>	European Patent Office (EPO) (ISA/EP)	
<b>VIII</b>	<b>Declarations</b>	Number of declarations	
VIII-1	Declaration as to the identity of the inventor	-	
VIII-2	Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent	-	
VIII-3	Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application	-	
VIII-4	Declaration of inventorship (only for the purposes of the designation of the United States of America)	-	
VIII-5	Declaration as to non-prejudicial disclosures or exceptions to lack of novelty	-	
<b>IX</b>	<b>Check list</b>	number of sheets	electronic file(s) attached
IX-1	Request (including declaration sheets)	4	✓
IX-2	Description	11	-
IX-3	Claims	3	-
IX-4	Abstract	1	✓
IX-5	Drawings	4	-
IX-7	TOTAL	23	
	<b>Accompanying Items</b>	paper document(s) attached	electronic file(s) attached
IX-8	Fee calculation sheet	✓	-
IX-11	Copy of general power of attorney	✓	-
IX-11	Copy of general power of attorney	✓	-
IX-17	PCT-SAFE physical media	-	✓
<b>IX-19</b>	<b>Figure of the drawings which should accompany the abstract</b>	2	
<b>IX-20</b>	<b>Language of filing of the international application</b>	English	

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X-1	Signature of applicant, agent or common representative	
X-1-1	Name (LAST, First)	FAHMI, Tarek
X-1-2	Name of signatory	
X-1-3	Capacity	

## FOR RECEIVING OFFICE USE ONLY


10-1	Date of actual receipt of the purported international application	
10-2	Drawings:	
10-2-1	Received	
10-2-2	Not received	
10-3	Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application	
10-4	Date of timely receipt of the required corrections under PCT Article 11(2)	
10-5	International Searching Authority	ISA/EP
10-6	Transmittal of search copy delayed until search fee is paid	

## FOR INTERNATIONAL BUREAU USE ONLY

11-1	Date of receipt of the record copy by the International Bureau	
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**PCT (ANNEX - FEE CALCULATION SHEET)**Original (for **SUBMISSION**)

(This sheet is not part of and does not count as a sheet of the international application)

<b>0</b>	<b>For receiving Office use only</b>	
<b>0-1</b>	International Application No.	
<b>0-2</b>	Date stamp of the receiving Office	
<b>0-4</b>	<b>Form PCT/RO/101 (Annex)</b>	
<b>0-4-1</b>	<b>PCT Fee Calculation Sheet</b>	
	Prepared Using	<b>PCT-SAFE [EASY mode] Version 3.50 (Build 0002.163)</b>
<b>0-9</b>	<b>Applicant's or agent's file reference</b>	<b>6317P087PCT</b>
<b>2</b>	<b>Applicant</b>	<b>APPLIED MATERIALS ISRAEL, LTD.</b>
<b>12</b>	<b>Calculation of prescribed fees</b>	
		fee amount/multiplier      Total amounts (USD)
12-1	Transmittal fee <b>T</b>	⇒ <b>300</b>
12-2-1	Search fee <b>S</b>	⇒ <b>1920</b>
12-2-2	International search to be carried out by	<b>EP</b>
12-3	International filing fee (first 30 sheets) <b>I1</b>	<b>1134</b>
12-4	Remaining sheets <b>0</b>	
12-5	Additional amount <b>(X) 0</b>	
12-6	Total additional amount <b>I2</b>	<b>0</b>
12-7	i1 + i2 = <b>I</b>	<b>1134</b>
12-12	EASY Filing reduction <b>R</b>	<b>-81</b>
12-13	Total International filing fee (I-R) <b>I</b>	⇒ <b>1053</b>
12-14	Fee for priority document	
	Number of priority documents requested <b>1</b>	
12-15	Fee per document <b>(X) 20</b>	
12-16	Total priority document fee: <b>P</b>	⇒ <b>20</b>
<b>12-17</b>	<b>TOTAL FEES PAYABLE (T+S+I+P)</b>	⇒ <b>3293</b>
<b>12-19</b>	<b>Mode of payment</b>	<b>cheque</b>
<b>12-20</b>	<b>Deposit account instructions</b>	
	The receiving Office	<b>United States Patent and Trademark Office (USPTO) (RO/US)</b>
12-20-2	Authorization to charge any deficiency or credit any overpayment in the total fees indicated above	✓
12-20-3	Authorization to charge the fee for priority document	✓
<b>12-21</b>	<b>Deposit account No.</b>	<b>02-2666</b>
<b>12-22</b>	<b>Date</b>	<b>07 October 2004 (07.10.2004)</b>
<b>12-23</b>	<b>Name and signature</b>	<b>FAHMI, Tarek</b> 

The invention provides a method and a measurement system. The method includes: providing a measurement model that includes measurement image information; locating a measurement area by utilizing the measurement image information; and performing at least one measurement to provide measurement result information.